

DETAILED ACTION

Response to Arguments

Applicant's arguments, filed 12/4/09, have been fully considered and are persuasive. The previous rejection has been withdrawn.

Allowable Subject Matter

Claims 14,16,18-22,24 and 26-29 are allowed. The following is an examiner's statement of reasons for allowance: With respect to claims 14 and 22 Koichi teaches a power-supply unit comprising: a main power-supply circuit (item 4A) and a secondary power-supply circuit (item 4B), both connected to an alternating current power supply (item 1); an input current control circuit (item 3) provided in the main power-supply circuit; and a circuit current detection element (item 14) provided in the input current control circuit; wherein a current of a summation (paragraph 0021) of an input current (I1) supplied to the main power-supply circuit and an input current (I2) supplied to the secondary power-supply circuit flows in the circuit current detection element; and the input current control circuit controls the input current supplied to the main power-supply circuit such that harmonic current is suppressed (paragraph 0022) in the current flowing in the circuit current detection element. Koichi does not teach the further limitation a second rectifying circuit connected to the alternating current power supply, the second

rectifying circuit provided in the secondary power-supply circuit. At least this further limitation is not taught or rendered obvious by the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Rutland-Wallis whose telephone number is 571-272-5921. The examiner can normally be reached on Monday-Thursday 7:30AM-6:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jared Fureman can be reached on 571-272-2391. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MRW

/Albert W Paladini/
Primary Examiner, Art Unit 2836

1/11/10